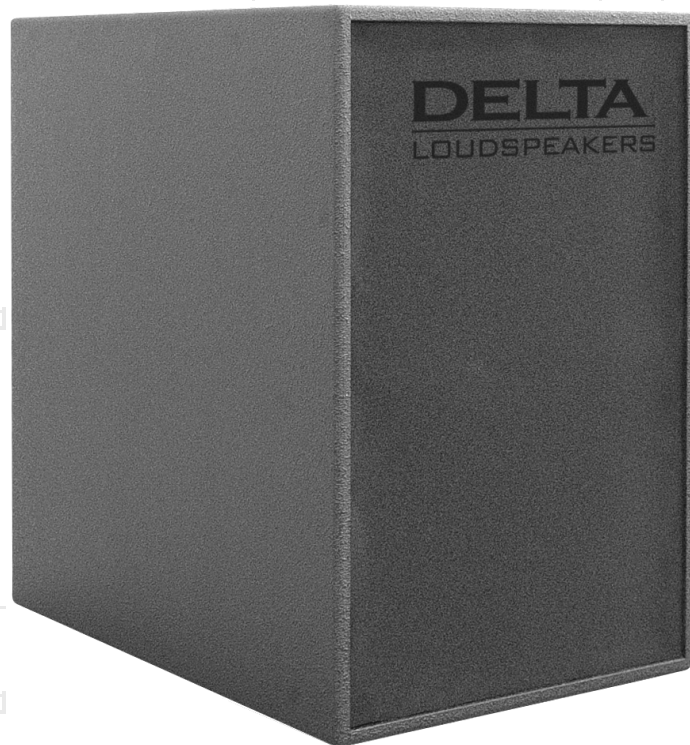


## Low Frequency horn



### APPLICATIONS

- General applications requiring powerful, high quality sound reproduction
- Free field & Large scale reinforcement
- Theatres, concert halls and medium to large size venues

### FEATURES

- High directivity
- Up to 143 dB peak sound pressure at one meter
- Immediate results in usual amplification areas.
- Robust 18 mm multiply Finnish birch construction
- 2000W 18" driver, with 100 mm voice coil

The 9318 is the smallest Low Frequency Horn Delta Loudspeakers introduced back in 1993. Till date there have been no changes to the geometry of the cabinet cavities & horn shapes. Many improvements have been introduced in the LF driver consecutively to achieve a very dependable system.

The 9318 is a horn designed to cover low frequencies in primary sound reinforcement systems. The Horn, incorporating Delta's loading principle (Snail<sup>®</sup>), provides remarkable low frequency output from a very compact enclosure. This device is in fact capable of impressive electrical to acoustic power conversion (106dB 1W@1m) and delivers 143dB peak sound pressure. It is the result of a serious approach to the acoustic science and a precise study of the different radiation conditions of a low frequency horn of small dimension.

Recent improvements in the 18" LF driver have smoothed the frequency response and increased the output below 40Hz by more than 3dB.

For fixed installations, the speaker is optionally available without wheels, handles and mounting plate. Recommended complementary products are: 9912 full range reflex speaker – 9910S MHF horn or 9910 MHF Horn.

# type 9318

## Low Frequency horn

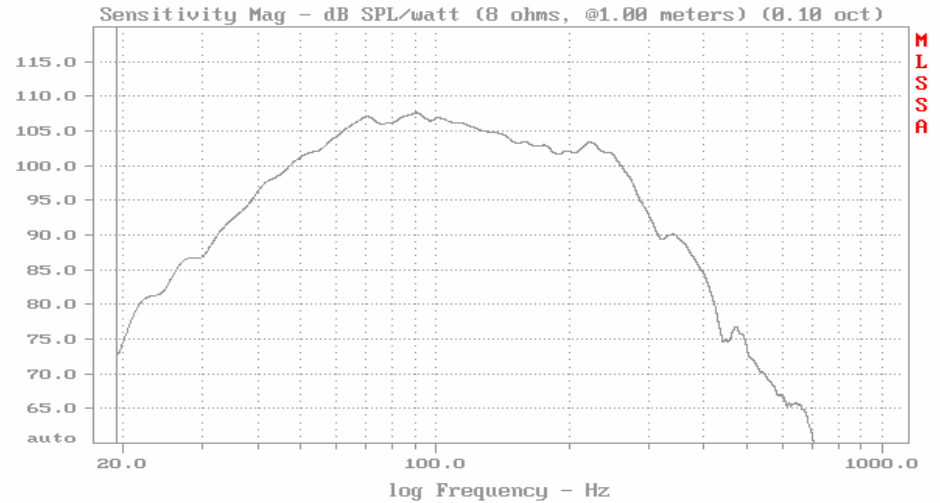
**2 Kw**

Sensitivity (1)	106 dB @ 1 meter with one watt input
Frequency response (2)	35 Hz to 350Hz
Program power	2000W
Continuous power rating	1000W
Maximum sound pressure	135 dB @ 1 meter, full power, 143 dB peak
Power compression	Less than 3 dB
Impedance	8 Ohms LF
Recommended crossover point	From 80 Hz to 250 Hz 24 dB/oct. Linkwitz
Horn configuration	Non Hipex, with curvilinear axle
Dimension (W/H/D)	50.0 cm x 75.0 cm x 75.0 cm (+ 13.5 cm with wheels)
Weight	49 Kg
Connectors	2 x Neutrik NL4FC (+1/-1 in & loop trough)
Driver	18" driver, with 100 mm voice coil
Accessories	Protective weather proof cover (CVR9318), polyurethane foam, black matted aluminum front grille
Flying systems (3)	Upon request

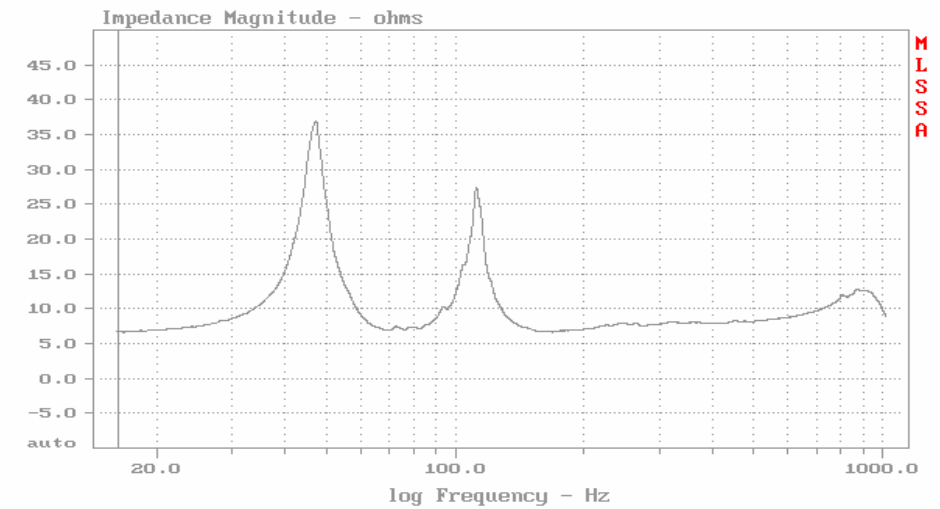
1. Sensitivity is based on a swept 100 Hz to 500 Hz signal for an input of 2.83 V @ 8 ohms or 2.0 V @ 4 ohms
2. Frequency range is defined as the frequency extremes where the response is -10dB from the rated sensitivity
3. Delta Loudspeakers SA offers upon request different types of mounting hardware intended for vertical or horizontal arrangements

All information herein is subject to change without prior notice.

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9318 frequency response



9318 Impedance